

USE TYPEWRITER OR BALL POINT PEN—PRESS FIRMLY, PRINT CLEARLY.

WATER WELL RECORD
KSA 82a-1201-1215

Kansas Department of Health and Environment—Division of Environment
(Water well Contractors)
Topeka, Kansas 66620

NW SE NW 34

BWS 1-23-80

1. Location of well:		County PHILLIPS	Fraction NE NE NE 1/4 1/4 1/4	Section number 33	Township number T 4	Range number S 20 E/W
2. Distance and direction from nearest town or city: Street address of well location if in city: Irreg. Track 2119 & part of 1341				3. Owner of well: City of Logan Well #7 R.R. or street: City, state, zip code: Logan, Kansas 67646		
4. Locate with "X" in section below: N W E S 1 Mile		Sketch map:			6. Bore hole dia. 24 in. Completion date 9-12-76 Well depth 57 ft.	
5. Type and color of material		From To			7. <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Reverse rotary	
					8. Use: <input type="checkbox"/> Domestic <input checked="" type="checkbox"/> Public supply <input type="checkbox"/> Industry <input type="checkbox"/> Irrigation <input type="checkbox"/> Air conditioning <input type="checkbox"/> Stock <input type="checkbox"/> Lawn <input type="checkbox"/> Oil field water <input type="checkbox"/> Other	
BLACK DIRT 0 15 YELLOW CLAY 01 15 30 SAND & CLAY Mixture 04 30 35 FINE SAND 01 35 47 COARSE GRAVEL 15 47 56 BLUE SHALE 19 56 57					9. Casing: Material PVC Height: Above or below Threaded <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Surface 36 in. RMP <input type="checkbox"/> PVC <input type="checkbox"/> Weight _____ lbs./ft. Dia. 12 in. to 57 ft. depth Wall Thickness: inches or Dia. _____ in. to _____ ft. depth gage No. 160	
					10. Screen: Manufacturer's name _____ Type PVC Dia. 12" Slot/gauze 1/8 Length 12' Set between 45 ft. and 57 ft. Gravel pack? <input checked="" type="checkbox"/> Size range of material 1/8 x 1/4"	
					11. Static water level: _____ mo./day/yr. 38 ft. below land surface Date 9-12-76	
					12. Pumping level below land surfaces: 50 ft. after 8 hrs. pumping 230 g.p.m. _____ ft. after _____ hrs. pumping _____ g.p.m. Estimated maximum yield 300 g.p.m.	
					13. Water sample submitted: _____ mo./day/yr. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Date 9-12-76	
					14. Well head completion: <input type="checkbox"/> Pitless adapter 18 inches above grade	
					15. Well grouted? <input checked="" type="checkbox"/> With: <input checked="" type="checkbox"/> Neat cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Concrete Depth: From 15 ft. to 0 ft.	
					16. Nearest source of possible contamination: ft. 100 Direction W Type ELEVATOR Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
					17. Pump: _____ Not installed Manufacturer's name FAIRBANKS Model number _____ HP 10 Volts 240 Length of drop pipe 46 ft. capacity 330 g.p.m. Type: <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal <input type="checkbox"/> Other	
					18. Elevation: Topography: <input type="checkbox"/> Hill <input type="checkbox"/> Slope <input type="checkbox"/> Upland <input checked="" type="checkbox"/> Valley	
19. Remarks: Well WAS grouted to ground level + city is going to build the building the floor		20. Water well contractor's certification: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Business name PAVCO, Kansas License No. _____ Address _____ Signed _____ Date 9-15-76 Authorized representative				



Forward the white, blue and pink copies to the Department of Health and Environment

Form WWC-5

JH

KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT
LABORATORY SERVICES AND RESEARCH
INORGANIC CHEMISTRY LABORATORY
TOPEKA, KANSAS 66620-8420

RESULTS OF LABORATORY ANALYSIS

REPORT TO: C.E. HUSBAND, SUPT. LAB NUMBER: 702065PT
ADDRESS: CITY CLERK ACCOUNT CODE: PWS
LOGAN KS 67646 MATRIX: WATER
LOCALITY: PWS WELL #7 IN CITY OF LOGAN, KS. 67646 TIME COLLECTED: 1159
COLLECTED BY: BOB THOMPSON DATE COLLECTED: 4-9-87
SAMPLE ID: NWSNW340420W DATE-RECEIVED: 4-10-87
COMMENTS: DATE REPORTED: 4-30-87

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RESULTS EXPRESSED IN MILLIGRAMS/LITER

TOTAL HARD. (CACO3)	662	PH	NA	IRON	ND
CALCIUM	212.0	TURBIDITY	NA	MANGANESE	0.22
MAGNESIUM	32.3	SPECIFIC COND.	NA	ARSENIC	0.003
SODIUM	85.9	T. DISSOLVED SOLIDS	NA	BARIUM	0.07
POTASSIUM	NA	TOTAL PHOSPHORUS (P)	NA	CADMIUM	ND
		SILICA (SIO2)	NA	CHROMIUM	ND
		BORON	NA	COPPER	0.02
TOTAL ALK. (CACO3)	296	DISSOLVED OXYGEN	NA	LEAD	ND
CHLORIDE	99.0	BOD	NA	MERCURY	NA
SULFATE	410	COD	NA	SELENIUM	0.040 ✓
NITRATE (N)	7.70	AMMONIA (N)	NA	SILVER	0.011 ✓
FLUORIDE	0.35	T. SUS. SOLIDS	NA	ZINC	0.02
				ALUMINUM	NA
				BERYLLIUM	NA
CYANIDES	NA	CARBONATE HARDNESS	296.0	NICKEL	NA
OIL/GREASE	NA	NON-CARBONATE HARD.	NA	ANTIMONY	NA
PHENOLS	NA	NAHCO3 ALKALINITY	NA	THALLIUM	NA
TDP	NA	MBAS	NA		
SULFIDE	NA	FLASH POINT	NA		

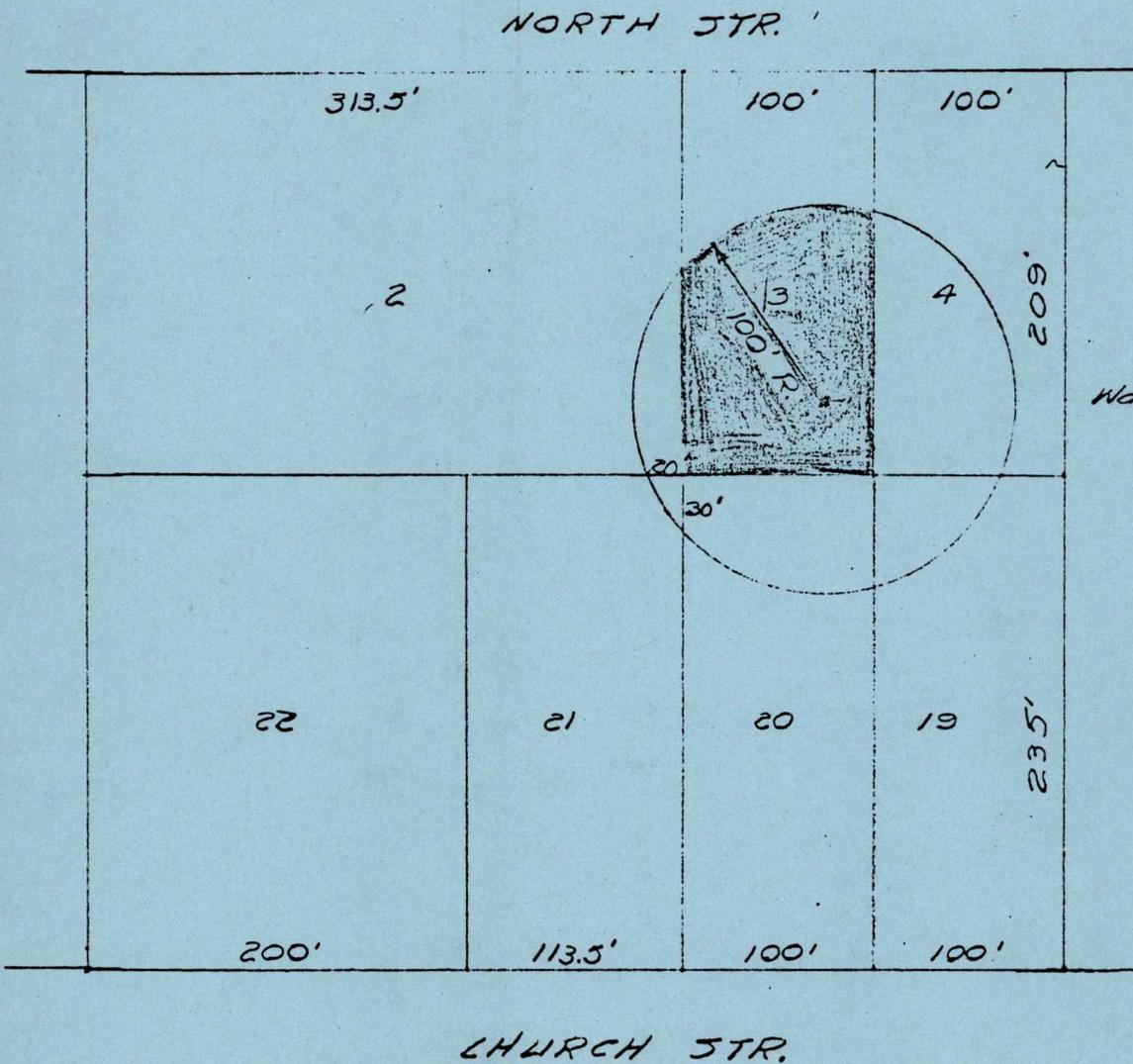
CHEMIST: FD NA - NOT ANALYZED ND - NOT DETECTED

* * * * *

COPY TO: FILE
KARL MUELDENER---BWP
BOB THOMPSON---NWD, HAYS

Water Well No. 7.
City of Logan, Kansas.

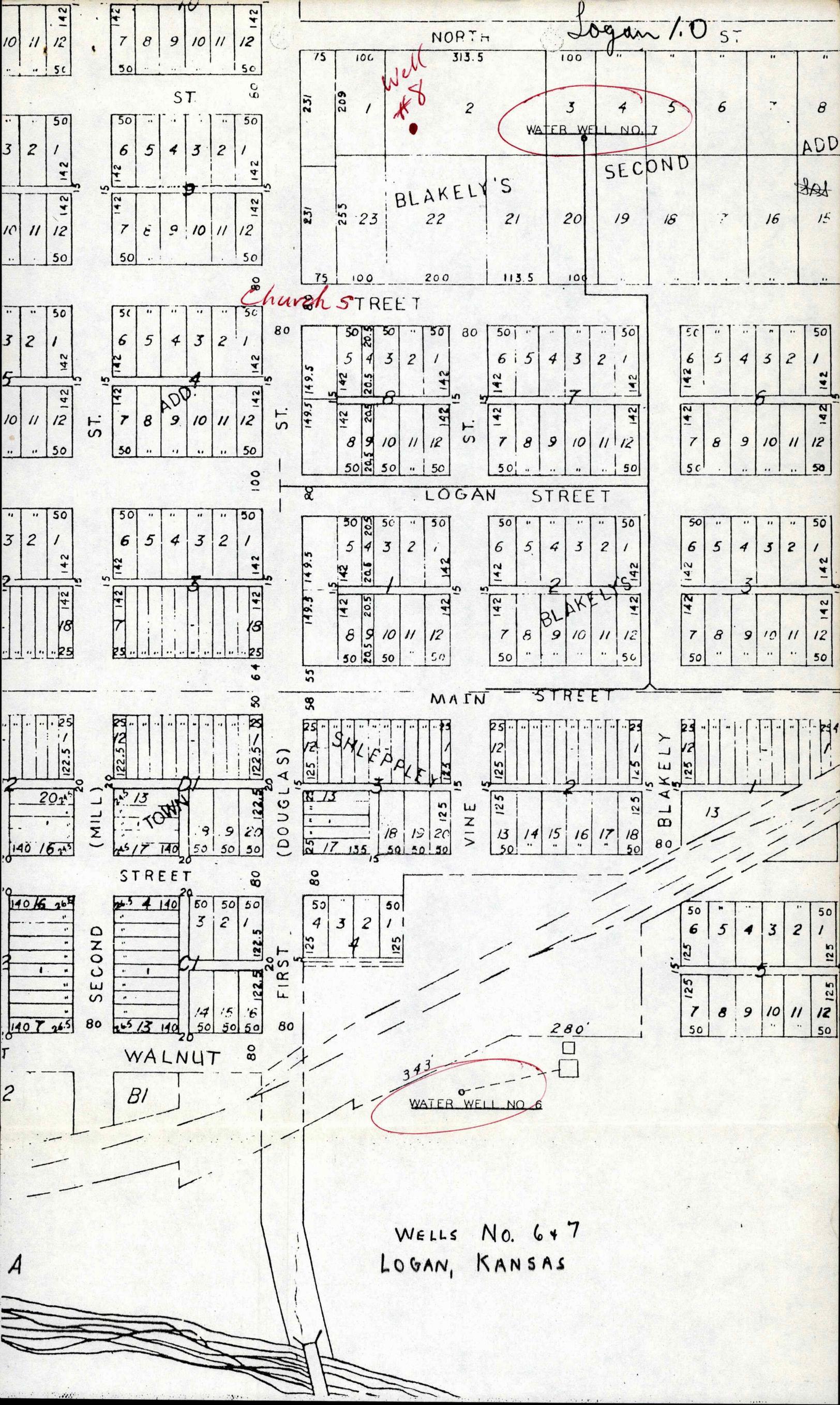
10 May 1977
Sheet 1 of 1.



Scale: 1" = 100'
Water Well No. 7.

A portion of "Blakely's Second Addition"
to the City of Logan, Kansas, Phillips County.
NW¹/₄, SE¹/₄, NW¹/₄, Sec. 33, T4S, R20W.

34



Logan 1.0 ST

NORTH

Well #8

WATER WELL NO. 7

BLAKELY'S

SECOND

Church STREET

LOGAN STREET

MAIN STREET

(MILL) TOWN

(DOUGLAS)

SLEEPER

SECOND

FIRST

WALNUT

WELLS NO. 6 & 7
LOGAN, KANSAS

A